



DW469

Thermal Spray Tape

DeWAL® DW469 is a pressure sensitive tape made of closely woven glass fabric and high temperature silicone adhesive. The glass fabric has excellent abrasion and heat resistance.

Applications:

- Masking tape in grit blasting, plasma, and flame spraying
- Splicing and position in coils and support rings
- Reinforcing slot insulation and armature coil insulation
- Transformers, solenoids and appliances
- Splice Outer Wraps

Industry(s):

- Aerospace
- Electrical
- Military/Defense
- Oil/Gas
- Plasma & Thermal Spray Masking
- Wire and Cable

Features and Benefits

- High temperature resistance
- Abrasion resistance

Basic Physical Properties	Typical Value	Units	Test Method
Dielectric Strength	237.8 / 604	kV/cm / V/mil	ASTM D149
Adhesion to Steel	491 / 44	g/cm / oz/in	ASTM-D 1000
Color	White	N/A	N/A
Construction	Typical Value	Units	Test Method
Substrate	Glass Cloth	N/A	N/A
Adhesive System	Silicone	N/A	N/A
Adhesive Thickness	0.056 / 0.0022	mm / in	N/A
Overall Thickness	0.1778 / 0.007	mm / in	ASTM-D374
Min Width	6.35 / 0.25	mm / in	N/A
Max Width	914 / 36	mm / in	N/A
Heat and Flame	Typical Value	Units	Test Method
Max Operating Temp.	260 / 500	°C / °F	N/A
UL Rating	510A File No. E179854 Flame Retardant	N/A	N/A
Processing & Packaging	Typical Value	Units	Test Method
Shelf Life	18	Months from DOM	N/A
Shelf Life Storage Temp.	21 / 70	°C / °F	N/A
Roll Length	33 / 36	m / yd	N/A
Standard Core Type	Plastic	N/A	N/A
Core Diameter	76 / 3	mm / in	N/A
Standard Liner	Self Wound	N/A	N/A
Specifications	GE: C10 - 12, PMC 4273, RR: OMAT 2/203, UL 510A File No. E179854		
Specification(s)			
• Typical values shown are from testing at date of manufacture and should not be used for specification limits. • Additional technical information and product specifications are available upon request. • Shelf life is 18 months from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH. • All metric conversions are approximate.			

Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.



The information contained in this Data Sheet is intended to assist you in designing with Rogers' Elastomeric Material Solutions. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown in this Data Sheet will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers DeWAL products for each application. The Rogers logo, DeWAL logo and DeWAL are trademarks of Rogers Corporation or one of its subsidiaries.